

FIG. 1

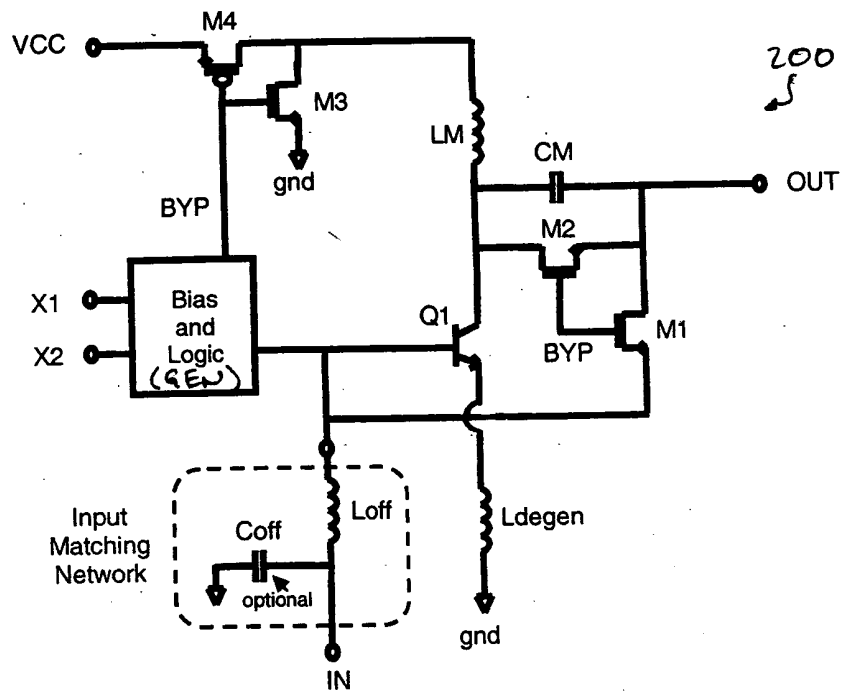


FIG. 2

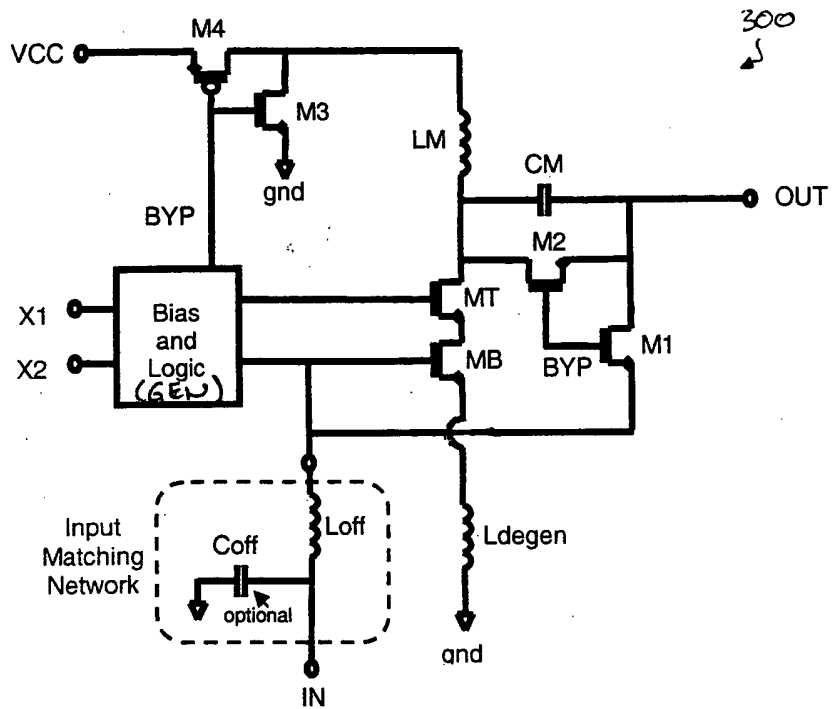
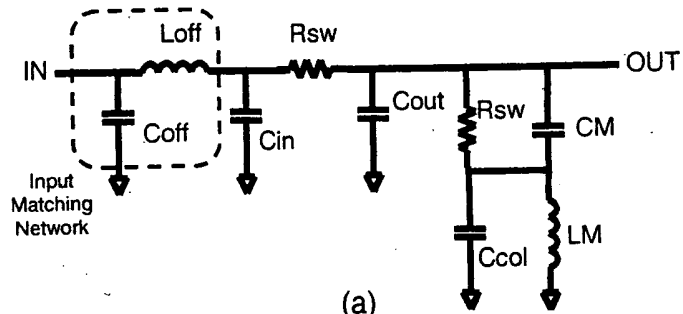
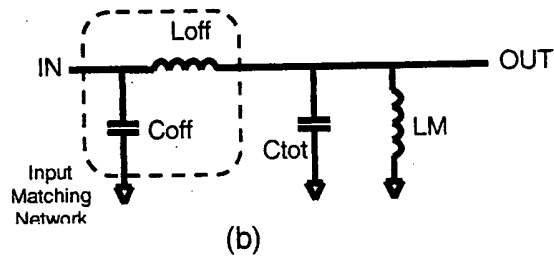


FIG. 3



(a)

Simplifies with  $R_{sw} \rightarrow 0$ 

(b)

FIG. 4

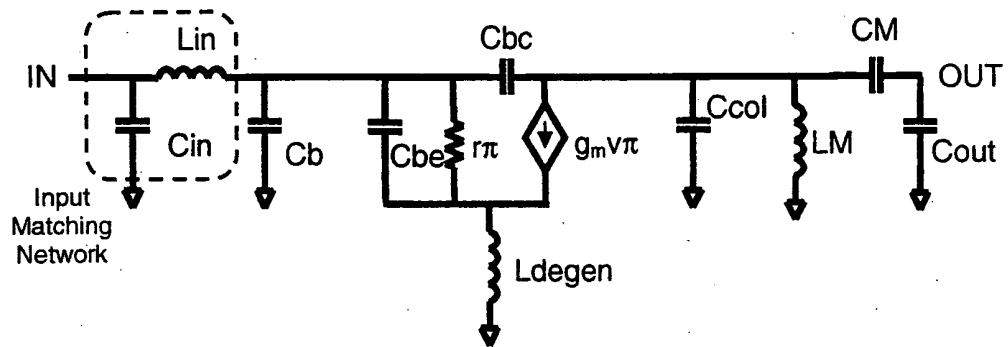


FIG. 5

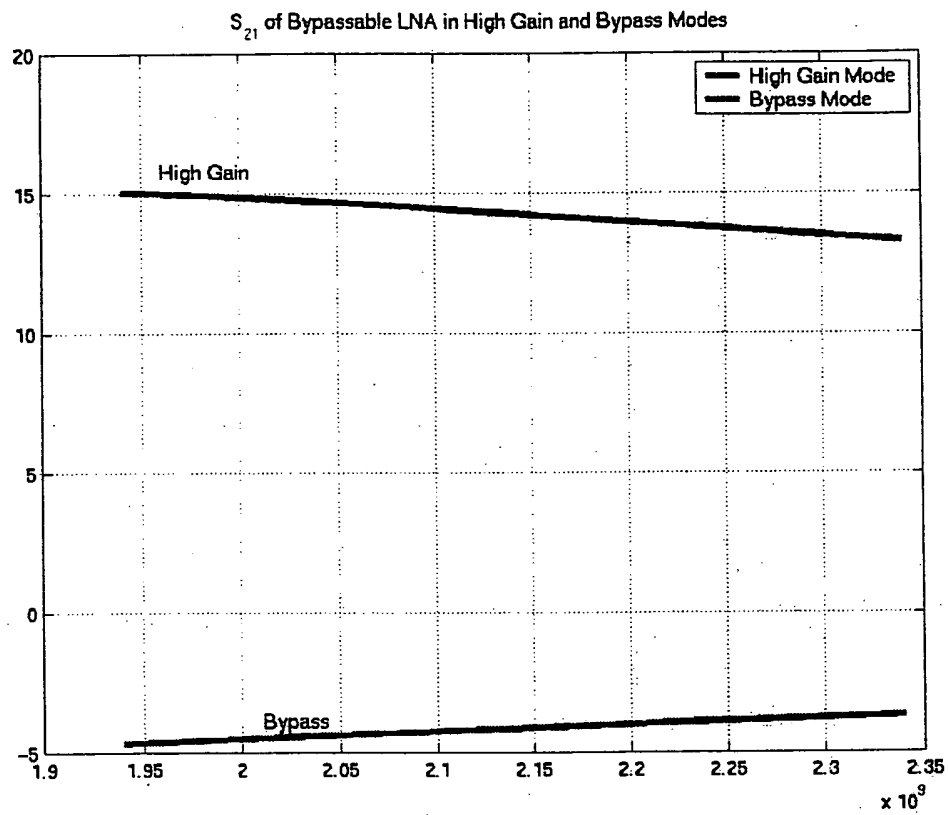


FIG. 6

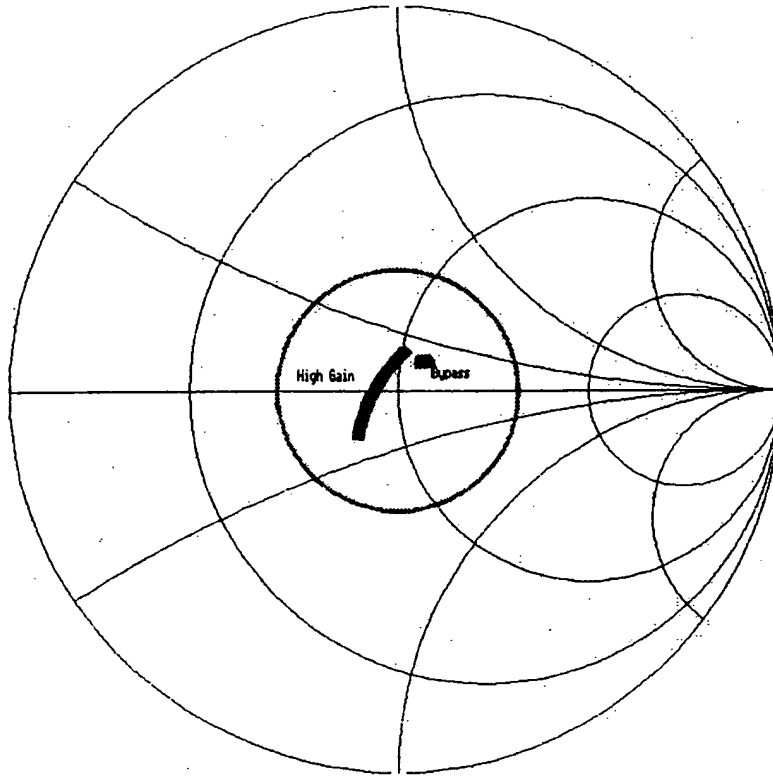
$S_{11}$  of Bypassable LNA in High Gain and Bypass Modes

FIG. 7

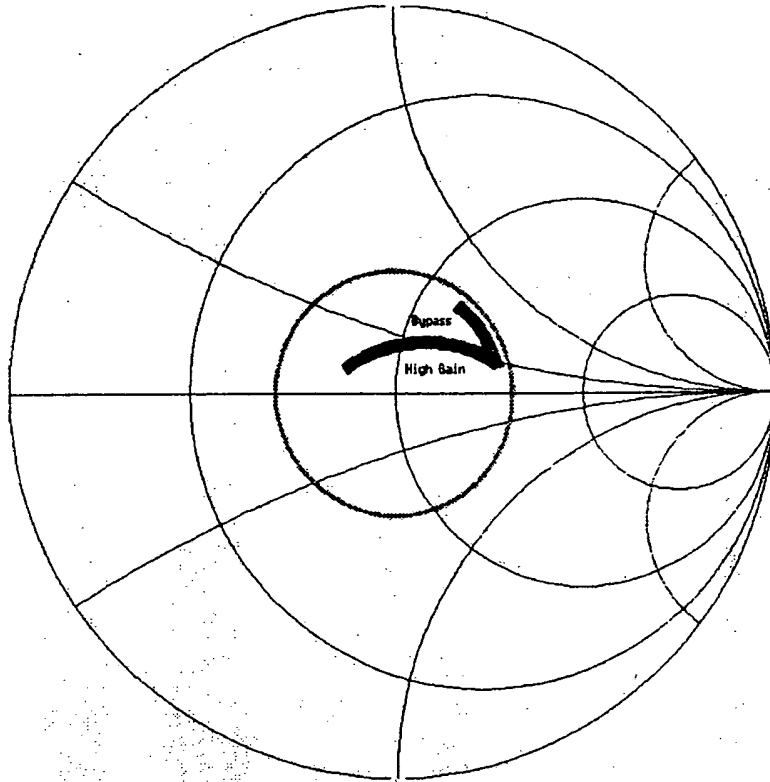
$S_{22}$  of Bypassable LNA in High Gain and Bypass Modes

FIG. 8